Appl. No. 10/785,995   Docket No. MEI-102
Amendment
Response to Office Action mailed February 5, 2008

<u>AMENDMENTS TO THE CLAIMS:</u>

This listing of claims replaces all prior versions and listings of claims in the

application:

<u>Listing of Claims:</u>

1.-34.   (Canceled)

35.   (Currently Amended)   An access control node coupled to a client computer and a

storage device via a first network, comprising:

a first interface ~~module~~ coupled to the storage device;

a second interface ~~module~~ coupled to a client computer and another control node;

a control <u>processor</u> ~~module~~ configured to control, via the first interface ~~module~~,

requests from a <u>user via a</u> client computer or other control node related to data stored in the

storage device;

~~an analysis module~~ <u>said control processor</u> configured to specify a source of the

requests as one of the client computer or the other control node;

<u>an access history</u> ~~a log module~~ configured to store ~~log~~ entries of the requests with the

specified source;

<u>an access history managing unit</u> ~~a log analysis module~~ configured to extract ~~log~~ <u>stored</u>

entries of the requests from the <u>access history</u> ~~log module~~ having the other control node as the

specified source;

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a data transmit module-one of the control processor of the control node or a control processor of the other control node configured to send first data related to the requests of the extracted log-stored entries to the other control node when the accessor of the first data is changed to the other control node is-as the specified source of the requests of the extracted log-stored entries and the number of the extracted log-stored entries for the requests is a predetermined value within a predetermined time; and

the one control processor is further configured to send second data accessed by the user before the accessor is changed to the other control node.

36. (Currently Amended) The access control node according to claim 35, wherein the one control processor migrates the related-first data to the other control node if there is no request for the related-first data from the client computer via the second interface.

37. (Currently Amended) The access control node according to claim 35, wherein the one control processor data-transmit-module-copies the first related-data to the other control node if there is no request for the related-first data from the client computer via the second interface.

38. (Currently Amended) A computer system comprising:

a first network system including a first client computer as an accessor used by a first user, a first control node, and a first storage device;

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a plurality of second network systems including a second client computer, and a
second control node, and a second storage device;

wherein the first control node is coupled to the first storage device and is configured
to:

control a first request related to data stored in the first storage device from
either the first client computer or the second control node as a specified source of the first
request;

store log-entries of the first request with the specified source of the first
request;

extract log-stored entries of the first requests from the second control node; .

send first data related to the extracted log-stored entries of the first requests to the
second control node when the accessor of the first data is changed to the second control node
and when the second control node is the specified source of the extracted log-stored entries of
the first requests and if the number of the extracted log-stored entries of the first requests is a
predetermined value within a predetermined time; and

send second data accessed by the user before the accessor is changed to the
second control node;

·the second control node is coupled to the second storage device and is configured to:

receive a second request from the second client computer in the second
network system;

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        determine if the received second request is received from a data location in the

second storage device or the first storage device;

        send a request to the first control node, which manages the first storage device,

as a first request if the received second request is related to the first storage device; and

        stores store to the second storage device if the data related to the second

request is received from the first control node.

        39. (Currently Amended) The computer system according to claim 38, wherein the

first control node migrates data related to the extracted log stored entries of the first requests

to the second control node if there is no request related to the related data from the first client

computer.

        40. (Currently Amended) The computer system according to claim 38, wherein the

first control node copies data related to the extracted log stored entries of the first requests to

the second control node if there is no request related to the related data from the first client

computer.

        41. (Currently Amended) The computer system according to claim 38, wherein the

first control node converts a source of the first request from the first client computer to the

second control node when the received request is related to the second control node.

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42. (Currently Amended) A computer system comprising:

a plurality of storage systems including a control device and a storage device;

a client computer used as an accessor by a user; and

a management computer;

wherein the control device is configured to:

control a request from a client computer and other storage systems in which

the request is related to data stored in the storage device of respective storage system or data

. stored in the other storage system;

transmit the request to the other storage system if the request is related to data

stored in the other storage system;

access the data on the basis of the request if the request is related to data stored

in the storage device of the respective storage system;

store log-entries of the request with the source of the request being specified as

either the client computer or the other storage system; and

extract the log-stored entries related to the request from the other storage

system;

wherein the management computer sends first data related to the requests of the

extracted log-stored entries to the other storage system when the accessor of the first data is

changed from the client computer and when the other storage system is the specified source

and when the number of the extracted log-stored entries for the requests is a predetermined

value within a predetermined time, and

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<u>   wherein the management computer sends second data accessed by the user before the</u>

<u>accessor is changed to the other storage system</u>.

43. (Previously Presented) The computer system according to claim 42, wherein the

control device migrates the related data to the other storage system if there is no request for

the related data from the client computer.

44. (Previously Presented) The computer system according to claim 42, wherein the

control device copies the related data to the other storage system if there is no request for the

related data from the client computer.

45. (Previously Presented) The computer system according to claim 42, wherein the

control device converts a source of the request from the client computer to the other storage

system when the received request is related to the other storage system.

46. (Currently Amended) The computer system according to claim 42, further

comprising a management server coupled to a plurality of the storage systems which is

configured to collect ~~logs~~ stored requests from a plurality of the storage systems to extract ~~log~~

stored entries for the requests which are received from the other storage systems and to send

an instruction to send, to the other storage system, data related to the request of the extracted

~~log~~ stored entries.

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